

Datasheet for ABIN7491105
PLAUR Protein (AA 23-303) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	PLAUR
Protein Characteristics:	AA 23-303
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAUR protein is labelled with His tag.

Product Details

Purpose:	Recombinant human PLAUR protein with C-terminal 6xHis tag
Specificity:	PLAUR (Leu23-Arg303) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PLAUR
Alternative Name:	PLAUR (PLAUR Products)
Background:	This gene encodes the receptor for urokinase plasminogen activator and, given its role in

Target Details

localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 32.1 kDa after removal of the signal peptide. The apparent molecular mass of PLAUR-His is 35-55 kDa due to glycosylation.

UniProt: [Q03405](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

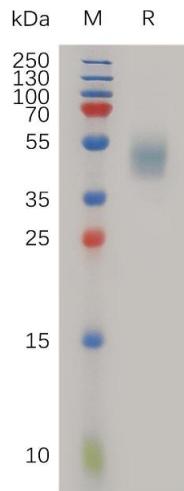
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human PLAUR Protein, His Tag on SDS-PAGE under reducing condition.